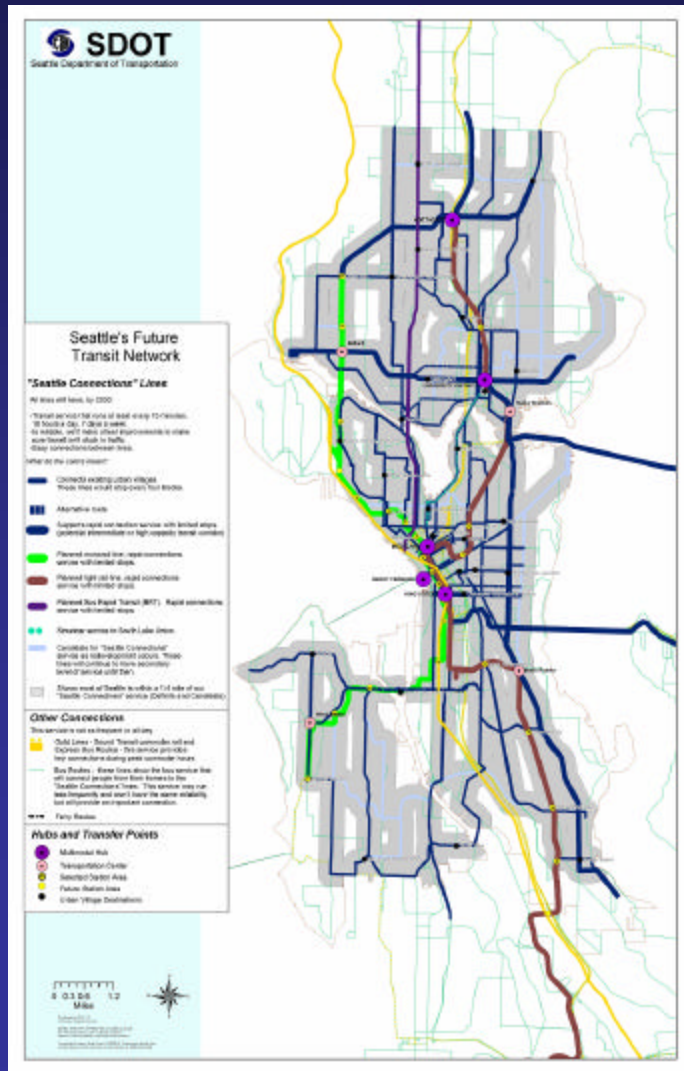

Transportation-Related Solutions for Reducing Greenhouse Gas Emissions in Seattle

Transportation-Related Solutions: How We Got Here



Public Transportation: Existing Efforts



Public Transportation: Possible New Actions

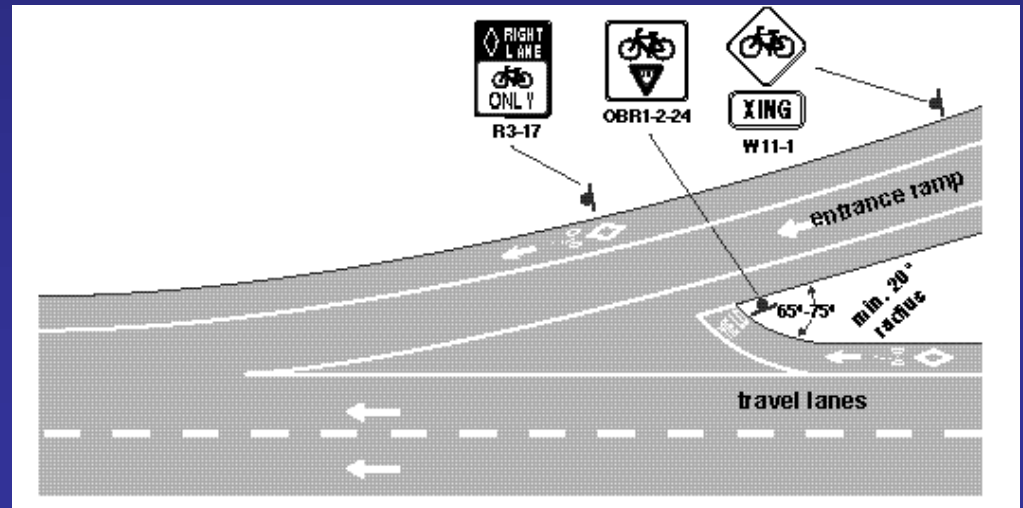
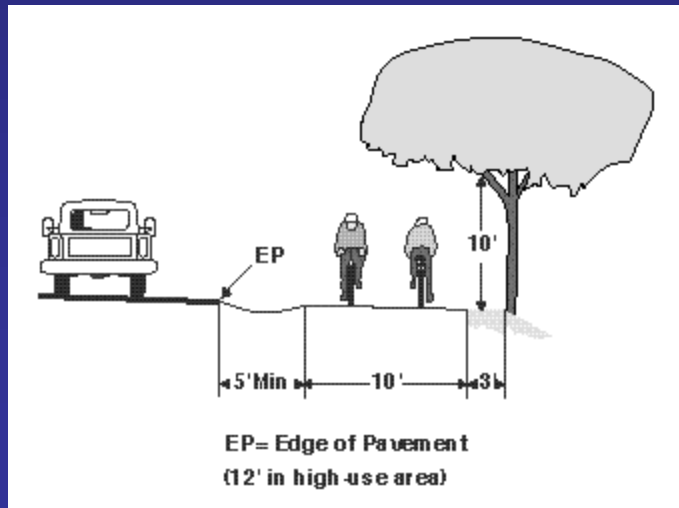
- Expand Bus Rapid Transit (BRT)
- Increase # of transit-priority lanes downtown
- Expand electric trolley and streetcar network
- Implement “bus to work” month
- Support Monorail and Phase 2 of Sound Transit
- Invest in new signals and other capital projects that improve transit priority
- Provide/fund the transit service needed to accommodate growth with frequent connections

Bicycling and Pedestrian Opportunities: Existing Efforts

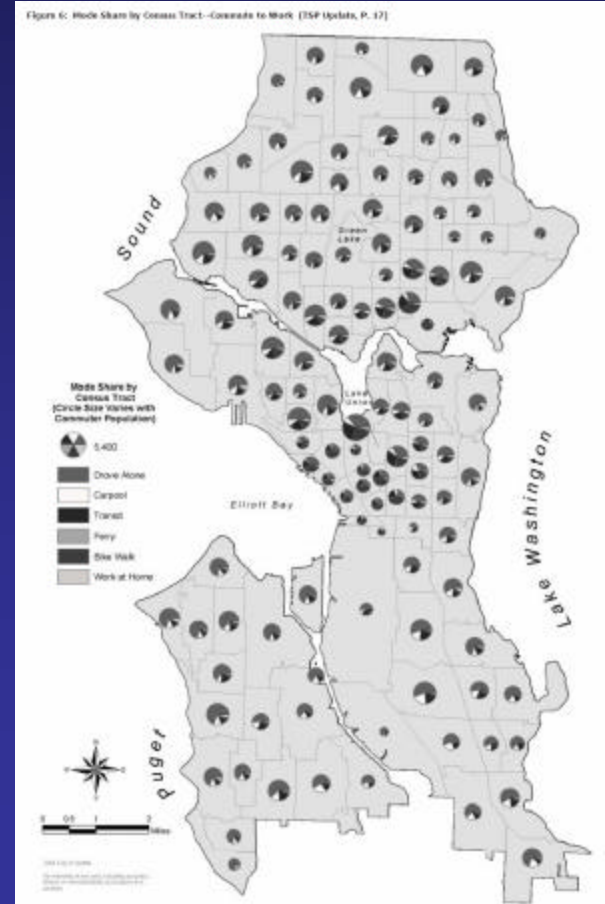
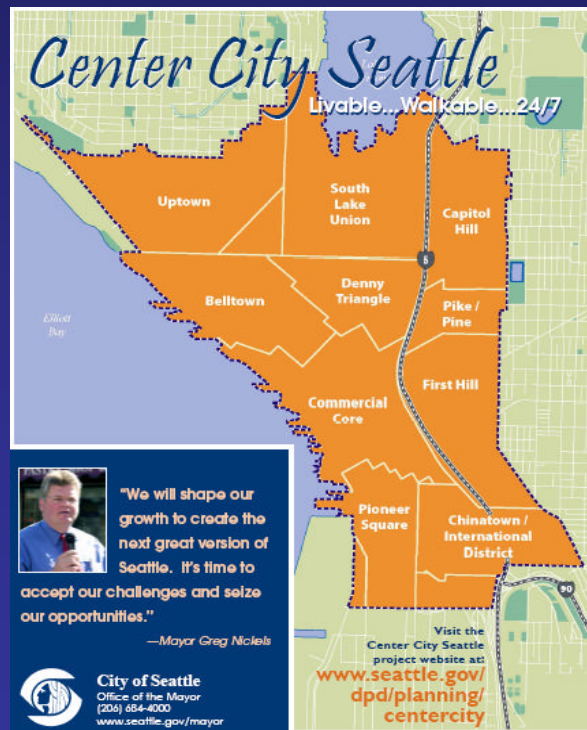


Bicycling and Pedestrian Opportunities: Possible New Actions

- Expand bike and pedestrian infrastructure
- Develop “Safe Routes to School” Program
- Complete and implement Bicycle Master Plan



Land use, Transportation and Parking Policies: Existing Efforts



Land use, Transportation and Parking Policies: Potential Actions

- **Fully implement smart growth strategies for Center City and other urban centers**
- **Implement a downtown congestion pricing program**
- **Expand meters and restricted parking zones**
- **Support regional congestion pricing with fees based on time of day and vehicle occupancy**
- **Charge transportation impact fees**

Land use, Transportation and Parking Policies: Potential Actions

...continued

- **Implement commercial parking tax**
- **Discourage School District from providing student and teacher parking**
- **Provide “mobility education” along with driver’s education**
- **Require information on greenhouse gas emissions in Environmental Impact Statements**

Transportation Demand Management: Possible New Actions

- Fully implement “Way to go, Seattle”
- Aggressively market Community Action Guide
- Implement “10% Challenge”
- Improve Commute Trip Reduction programs for City employees
- Consider providing every house in Seattle a bus pass in their utility bill

Clean Fuels and Fleets: Existing Efforts



Clean Fuels and Fleets: Possible New Actions

- Replace diesel bus routes with overhead electric and/or expand trolley network
- Promote electric/plug-in vehicles and develop pilot project on vehicle-to-grid technology
- Expand use of biodiesel
- Implement an anti-idling law or major education campaign
- Improve City's Clean and Green Fleet Program
- Track and reduce fleet miles traveled

Other Possible New Actions

City of Seattle:

- Set a goal of 7% reduction in vehicle miles traveled by 2012
- Encourage or require GHG emissions reductions through City contracts
- Advocate for future rail, HOV, bicycling improvements, and transit into new Regional Transportation Investment District (RTID) projects

Other Possible New Actions

Port of Seattle:

- Continue/expand efforts by Port, Clean Air Agency, others to reduce seaport and marine emissions
- Reduce landing fees for airlines that use winglets
- Develop kiosk system for quick payment of personal travel carbon mitigation
- Require gas-electric hybrid or biodiesel taxis

Other Possible New Actions

State Government:

- Establish carbon tax on vehicles based on emissions
- Increase number of passengers required to use High Occupancy Vehicle (HOV) lanes



Other Possible New Actions

Federal Government:

- Implement green car labeling program
- Improve Corporate Average Fuel Efficiency (CAFE) standards

Other Potential New Actions

Other Partnership Opportunities

- Provide transit/shuttle services to major public events through public-private partnerships with sports teams, major music events, etc.
- Promote location-efficient mortgages
- Launch major public education campaign on “climate friendly mobility”
- Work with insurance companies to develop pay-as-you-drive auto insurance pilot project

Transportation-Related Solutions

New Possible Actions:

- *Public transportation*
- *Bicycle and pedestrian improvements*
- *Land use, transportation and parking*
- *Public education and transportation demand management*
- *Clean fuels and fleets*
- *Other actions*



* What did we miss?

* Which ideas are most promising?

* What additional information/analysis do you need?